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R296 0004  
BMG/cnr

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

Inventors: DONNELLY, Frank Wegner; GULAYETS, Brian Ward  
Title: SEQUENCED PULSE WIDTH MODULATION METHOD AND  
APPARATUS FOR CONTROLLING AND POWERING A  
PLURALITY OF DIRECT CURRENT MOTORS  
Serial No.: 10/083,587  
Filed: 27 February 2002  
Examiner: Bentsu Ro Art Unit: 2837  
Date: 18 May 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

**Disclosure Statement Pursuant to 37 C.F.R. §1.56**

Transmitted herewith is an Information Disclosure Statement disclosing information which has come to the attention of applicant(s) and/or their agents and is being submitted in compliance with the duty of disclosure set forth in 37 C.F.R. §1.56.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present the relevant facts and law regarding the appropriate status of such documents.


Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with 37 C.F.R. §1.98, transmitted herewith are:

1. A completed copy of Form PTO/SB/08 "Information Disclosure Statement by Applicant" listing the patents, publications and other information being submitted for consideration; and

2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Form PTO/SB/08, except for copies of U.S. patents and published U.S. patent applications which are not required for applications filed after 30 June 2003.

Respectfully submitted,

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	2
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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**Complete if Known**

Application Number	10/083,587
Filing Date	February 27, 2002
First Named Inventor	DONNELLY, Frank
Art Unit	2837
Examiner Name	Bentsu Ro
Attorney Docket Number	R296 0004

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

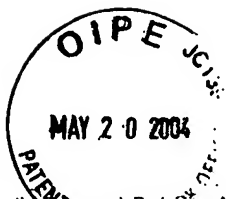
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		Application Number	10/083,587		
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		Art Unit	2837		
		Examiner Name	Bentsu Ro		
Sheet	2	of	2	Attorney Docket Number	R296 0004

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		"Advanced Propulsion Systems for Urban Rail Vehicles", NENE, Vilas D., 1985, Prentice-Hall, ISBN 0-13-012931-3 01	
		"An Analytic Solution of the Choppers Ripple Currents", KOSTIC and BOJKOVIC, Proceedings of the 1993 IEEE/ASME Joint Railroad Conference, April 1993	
		"Chopper Design for NICTD Locomotives", MOGHBELLI and HANAS, Proceedings of the 1993 IEEE/ASME Joint Railroad Conference, April 1993	

Examiner Signature	Date Considered
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